

catalyst is carried out continuously in the liquid phase and run a conversion to oligomerized C₆-olefins of from 10 to 30% by weight based on a throughput of the reaction mixture through the catalyst in a single pass.

2. (Amended) A process as claimed in claim 1, wherein the reaction over the fixed-bed catalyst is run at a conversion to oligomerized C₆-olefins from 10 to 25% by weight, based on the reaction mixture.

6. (Amended) A process as claimed in claim 1 which is carried out adiabatically in a shaft oven and in which part of the reacted mixture is returned to the reaction.

DISCUSSION OF THE AMENDMENT

Claim 1 has been amended by incorporating the subject matter of Claims 2 and 5 therein; by reciting that the conversion is based on --a throughput of--the reaction mixture, as supported in the specification at page 2, lines 9-11; and by reciting that the conversion is --through the catalyst in a single pass--, as supported in the specification at page 2, lines 24-25. Claim 2 has been amended, as supported in the specification at page 2, lines 1-2. Claim 5 has been cancelled. Finally, Claim 6 has been amended to depend on Claim 1.

No new matter has been added by the above amendment. With entry thereof, Claims 1-3 and 6-9 will be pending in the application.

REMARKS

The rejection of Claims 1-8 under 35 U.S.C. § 103(a) as unpatentable over U.S. 5,849,972 (Nicari et al) in view of U.S. 5,243,118 (Sanderson et al), is respectfully traversed.